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PS/OSA Chrono

Approved For Release 2002/07/31 : CIA-RDP63-00313A000500160033-4

25X1A

823-63

Copy 6 of 6

16 December 1963

MEMORANDUM FOR: Deputy Director for Science and Technology

SUBJECT : Daily Activity Report - 16 December 1963

1. GENERAL

25X1A

25X1A

a. Two production units of [] will be shipped to LAC on 17 December 1963 for transshipment to []. One unit will replace the hybrid unit in 342. The second unit will be installed in 356. A third unit will be available approximately 31 December 1963.

25X1A

25X1D

b. A [] mission was flown 13 December to verify results of the operation on 11 December. As indicated in the last report, the first look at 11 December records indicated better [] accuracies than expected. The system does, however, require circuit work and redesign to provide proper indicator lamp function (both AI and FANSONG), provide proper isolation between S&C-bank functions, and provide a longer persistence CRT for visual readout. Reworking of the circuits and system should be accomplished in approximately three to five weeks. Upon completion of modification, the system will undergo further field tests and shakedown.

2. OX CART FLIGHT SUMMARY

a. Five flights were accomplished at [] on 13 December. 25X1A

b. Aircraft #121 completed flight #97; purpose - accelerate to MACH 3.0 and hold for extended period, check pitch damper and Bendix fuel control. Flight experienced no major problems.

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Handle vi []
Control System

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c. Aircraft #124 completed flight #180; purpose - functional check flight and air refueling. Maximum MACH 1.45, maximum altitude 43,000 feet; duration - two hours and one minute.

d. Aircraft #127 completed flight #24; purpose - navigational and instrumentation check tests. Maximum MACH 2.0, maximum altitude 62,000 feet; duration - forty-nine minutes.

e. Aircraft #129 completed flight #17; purpose - performance tests; maximum MACH 2.63, maximum altitude 78,500 feet (~~maximum~~); duration - one hour and one minute.

f. Aircraft #130 completed flight #4; purpose - INS tests. Maximum MACH 2.0, maximum altitude 65,000 feet; duration - forty-six minutes.

3. FIELD ACTIVITIES

25X1A

a.

(1) Mission 3793 completed 13 December 1963. Pilot reported 70% coverage. No reaction reported.

(2) Mission 3794 completed 14 December 1963. Pilot reported 90% coverage. No reaction.

(3) Mission 3795 completed 15 December 1963. Pilot reported 50% coverage. No reaction.

(4) Mission 3796 departed 16/0628 EST. ETA 1333 EST.

b. SATELLITE

25X1D

scheduled for 16/1500 EST launch.
December.

c. DETACHMENT

25X1C

(1) No activity. Aircraft still out for periodic inspection. New ETIC 18 December.

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d. EDWARDS AIR FORCE BASE.

25X6



25X1A



to Edwards AFB on 14 December 1963.

4. OX CART FLIGHT SUMMARY (Cont)

a. One flight was completed on Saturday, 14 December - aircraft #129, flight #18; purpose - MACH hold investigation at high MACH. Maximum altitude 69,000 feet, maximum MACH 2.4.

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Duty Officer: 

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